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Amendment to the claims:

Please cancel Claims 33-37.

**Listing of claims:** 

Claim 1 (Original) An instrument useful for extracting live hair follicles from mammalian skin tissue,

which device comprises:

a) a main body portion having a first end portion, a second end portion, and a longest length

dimension, and further comprising a first bore centrally disposed therethrough, wherein the axis

of said first bore runs parallel to said longest length dimension of said main body portion, and

wherein said first bore comprises an inner surface within said main body;

b) a nipple end portion having a first end portion and a tip portion, and further including a second

bore centrally disposed therethrough, wherein said first end portion of said nipple end portion is

attached to said second end portion of said main body portion, and wherein said second bore

comprises an inner surface within said nipple end;

c) a tubular punch means having a first end portion and a sharp end portion, wherein said tubular

punch exists substantially in the form of a hollow cylinder having an interior space, and an outer

diameter, and wherein said tubular punch means is slidably disposed within said second bore;

d) a stabilizer means disposed within said first bore and in contact with said tubular punch

means; and

e) an adjustment screw comprising a head portion, a threaded outer surface, and an end, wherein

said adjustment screw is disposed within said first bore such that

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its threaded outer surface is in effective mechanical contact with said inner surface within said

main body, and wherein said end of said adjustment screw is disposed to be in selectively

contactable with at least one element selected from the group of: said stabilizer and said tubular

punch means.

Claim 2 (Original) An instrument according to claim 1 wherein said stabilizer includes a third bore

disposed therethrough that is adapted to receive said tubular punch means such that said stabilizer means

is coextensively disposed about said tubular punch means.

Claim 3 (Original) An instrument according to claim 2 wherein said stabilizer means and said tubular

punch means are both slidably disposed as a unit within said first bore and said second bore respectively.

Claim 4 (Original) An instrument according to claim 2 wherein said stabilizer means is stationary within

said first bore, and wherein said tubular punch means is slidably disposed within said second bore and

said third bore.

Claim 5 (Original) An instrument according to claim 1 wherein said sharp end portion of said tubular

punch means is flat, or is angled at any degree between about 30 degrees and about 90 degrees.

Claim 6 (Original) An instrument according to claim 1 wherein said adjustment screw includes a head

portion and an end portion, and further comprises a fourth bore centrally disposed through its length.

Claim 7 (Original) An instrument according to claim 6 wherein said fourth bore extends from said head

portion to said end portion.

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Claim 8 (Original) An instrument according to claim 6 wherein said interior space within said tubular

punch means is in fluid communication with said fourth bore disposed within said adjustment screw.

Claim 9 (Original) An instrument according to claim 6 wherein said stabilizer includes a third bore

disposed therethrough, and wherein said first end portion of said tubular punch means is disposed within

said third bore through said stabilizer means such that said stabilizer means and said tubular punch

means are both slidably disposed as a unit within said first bore and said second bore respectively.

Claim 10 (Original) An instrument according to claim 1 wherein said first bore extends from said first

end portion to said second end portion of said main body portion.

Claim 11 (Original) An instrument according to claim 1 wherein said second bore extends from said first

end portion to said tip portion of said nipple end portion.

Claim 12 (Original) An instrument according to claim 1 wherein said main body portion is substantially

cylindrically shaped.

Claim 13 (Original) An instrument according to claim 1 wherein the tubular punch means has an outer

surface, and wherein the outer surface of said tubular punch means is in contact with the inner surface of

said second bore disposed within said nipple end portion.

Claim 14 (Original) An instrument according to claim 1 wherein said nipple end portion is substantially

cylindrically shaped.

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Claim 15 (Original) An instrument according to claim 1 wherein said first bore and said second bore

have the same diameter.

Claim 16 (Original) An instrument according to claim 1 wherein the diameter of said second bore is less

than the diameter of said first bore.

Claim 17 (Original) An instrument according to claim 1 wherein the diameter of said second bore is

greater than the diameter of said first bore.

Claim 18 (Original) An instrument according to claim 1 wherein the outer diameter of the tubular punch

means is smaller than the inner diameter of said second bore.

Claim 19 (Original) An instrument according to claim 1 wherein said nipple end and main body

comprise a single construct.

Claim 20 (Original) An instrument according to claim 1 wherein said sharp end of said tubular punch

means comprises a beveled edge.

Claim 21 (Original) An instrument according to claim 1 wherein said stabilizer means is comprised of an

elastomeric material selected from the group consisting of: polyolefin homopolymers, polyolefin

copolymers, thermoplastic vulcanizates, and thermoset elastomers.

Claim 22 (Original) An instrument according to claim 1 wherein said tubular punch means is metallic.

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Claim 23 (Original) An instrument according to claim 1 wherein said tubular punch means further

includes an inner diameter which is substantially uniform along the entire length of said tubular punch

means.

Claim 24 (Original) An instrument according to claim 23 wherein the inner diameter of said tubular

punch means is any diameter in the range of between about 0.5 millimeters and about 4.5 millimeters.

Claim 25 (Original) An instrument according to claim 1 wherein said nipple end portion comprises a flat

surface which is adapted to contact the skin of a patient, wherein the total surface area of said nipple end

which contacts said patient is in the range of between about 5 square millimeters and about 25 square

millimeters.

Claim 26 (Original) An instrument according to claim 1 wherein the inner diameter of the tubular punch

means is any diameter in the range between about 0.5 millimeters and about 4.5 millimeters.

Claim 27 (Original) An instrument according to claim 1 wherein the outer diameter of the tubular punch

means is about 0.2 to about 0.3 millimeters greater than the inner diameter of said tubular punch means.

Claim 28 (Original) An instrument according to claim 1 wherein the length dimension of said nipple end

is in the range of between about 0.03 millimeters and about 10 millimeters.

Claim 29 (Original) An instrument according to claim 1 wherein said second bore is about 0.1

millimeters smaller in diameter than the outer diameter of said tubular punch means.

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Claim 30 (Original) An instrument useful for extracting live hair follicles from mammalian skin tissue,

which device comprises:

a) a nipple end portion having a first end portion and a tip portion, said nipple end portion having

a longest length dimension and further including a bore disposed therethrough whose axis is

parallel to said longest length dimension, said bore comprising an inner surface within said

nipple end;

b) a tubular punch means which exists substantially in the form of a hollow cylinder having two

open ends, an interior space, and an outer diameter not exceeding about 5.0 millimeters, wherein

at least one end of said tubular punch means is a cutting end which is capable of piercing the

skin, said tubular punch means further including an inner diameter between about 0.5 millimeters

and 4.5 millimeters, which is substantially uniform along the entire length of said tubular punch

means, said tubular punch means being slidably disposed within said bore such that its cutting

end is capable of coinciding with said tip portion of said nipple end portion when the tubular

punch means does not protrude outward from said tip portion; and

c) a means for adjusting the position of the tubular punch means within said bore, including

control of the amount which said cutting end protrudes from said tip portion of said nipple end

portion.

Claim 31 (Original) An instrument according to claim 30 wherein said nipple end portion comprises a

flat surface which is adapted to contact the skin of a patient, wherein the total surface area of said nipple

end which contacts said patient is in the range of between about 5 square millimeters and about 25

square millimeters.

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Claim 32 (Original) An instrument according to claim 30 wherein said means for adjusting the position of the tubular punch means within said bore comprises a threaded screw having an end portion which is in effective mechanical contact with said tubular punch means, and a stationary portion capable of engaging with the threads on said screw, wherein said stationary portion is in effective mechanical contact with said nipple end portion.

Claim 33 (canceled).

Claim 34 (canceled).

Claim 35 (canceled).

Claim 36 (canceled).

Claim 37 (canceled).